

Title (en)

PROCESS FOR MAKING MIXTURES OF ENANTIOMERS, AND MIXTURES OF ENANTIOMERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MISCHUNGEN VON ENANTIOMEREN UND MISCHUNGEN VON ENANTIOMEREN

Title (fr)

PROCÉDÉ DE FABRICATION DE MÉLANGES D'ÉNANTIOMÈRES ET MÉLANGES D'ÉNANTIOMÈRES

Publication

EP 3268348 B1 20210512 (EN)

Application

EP 16707147 A 20160302

Priority

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- EP 2016054375 W 20160302

Abstract (en)

[origin: WO2016142228A1] Process for preparation of a mixture of methyl glycine diacetic acid (MGDA) or its respective mono-, di-, trialkali metal salt or its respective mono-, di- or tri-ammonium salt or mixtures thereof, and glutamic acid diacetic acid (GLDA) or its respective mono-, di-, tri-, or tetra-alkali metal or mono-, di-, tri- or tetra-ammonium salt or mixtures thereof, wherein said process comprises the steps of: (a) dissolution in water of (a1) alanine in its L- or D-enantiomeric form or its respective monoalkali metal salt or mixtures thereof, and (a2) glutamic acid as L- or D-enantiomer or its respective mono-, or dialkali metal or mixtures thereof, wherein the molar ratio of alanine to glutamic acid is in the range of from 1:9 to 9:1, (b) converting the mixture obtained in step (a) with formaldehyde and hydrocyanic acid or alkali metal cyanide to the corresponding dinitriles, (c) saponification of the dinitriles resulting from step (b).

IPC 8 full level

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CPC (source: CN EP KR RU US)

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C-Set (source: CN EP US)

CN

1. **C07C 227/26** + **C07C 229/24**
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EP US

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